

Figure 1

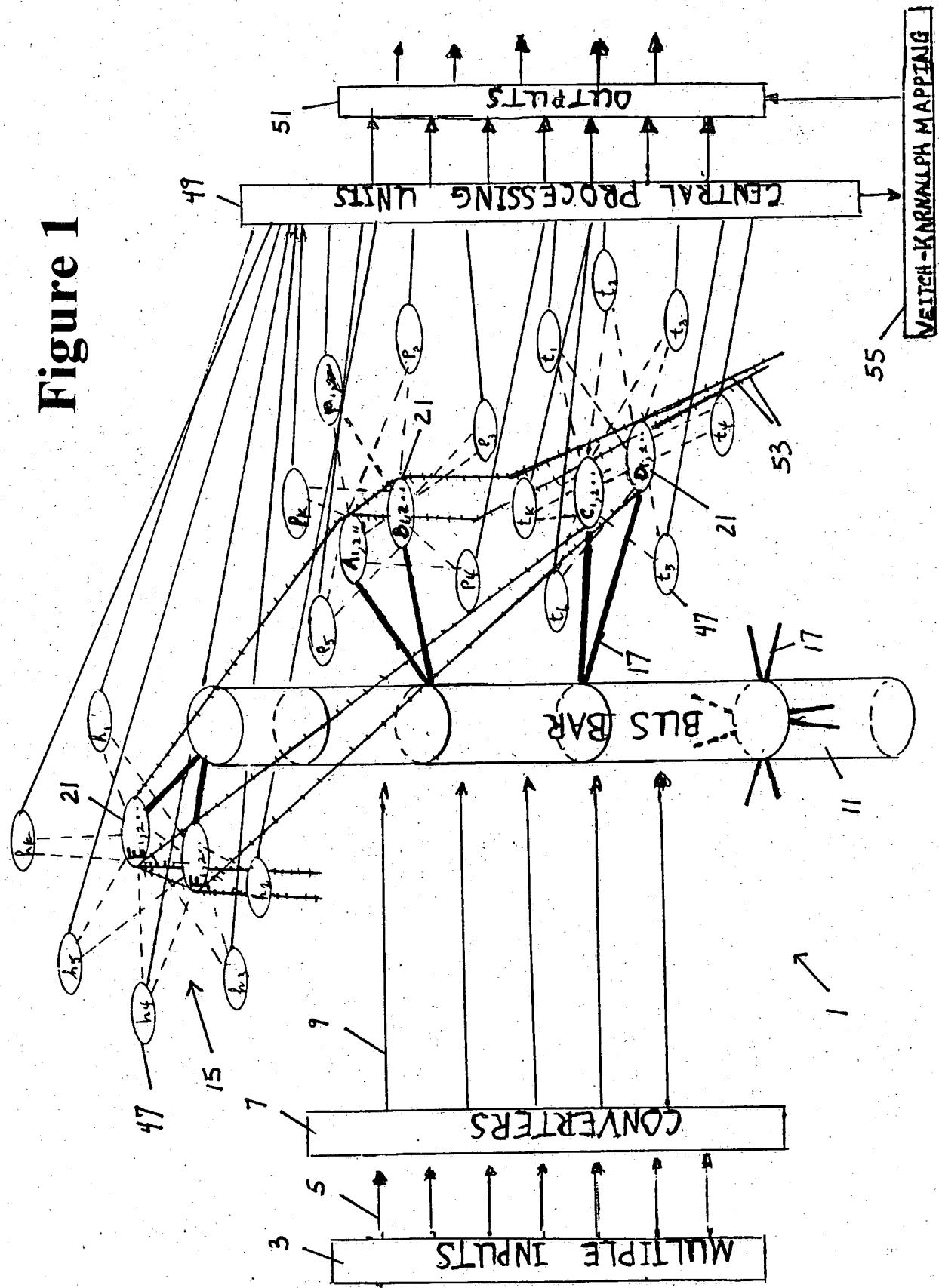


Figure 2

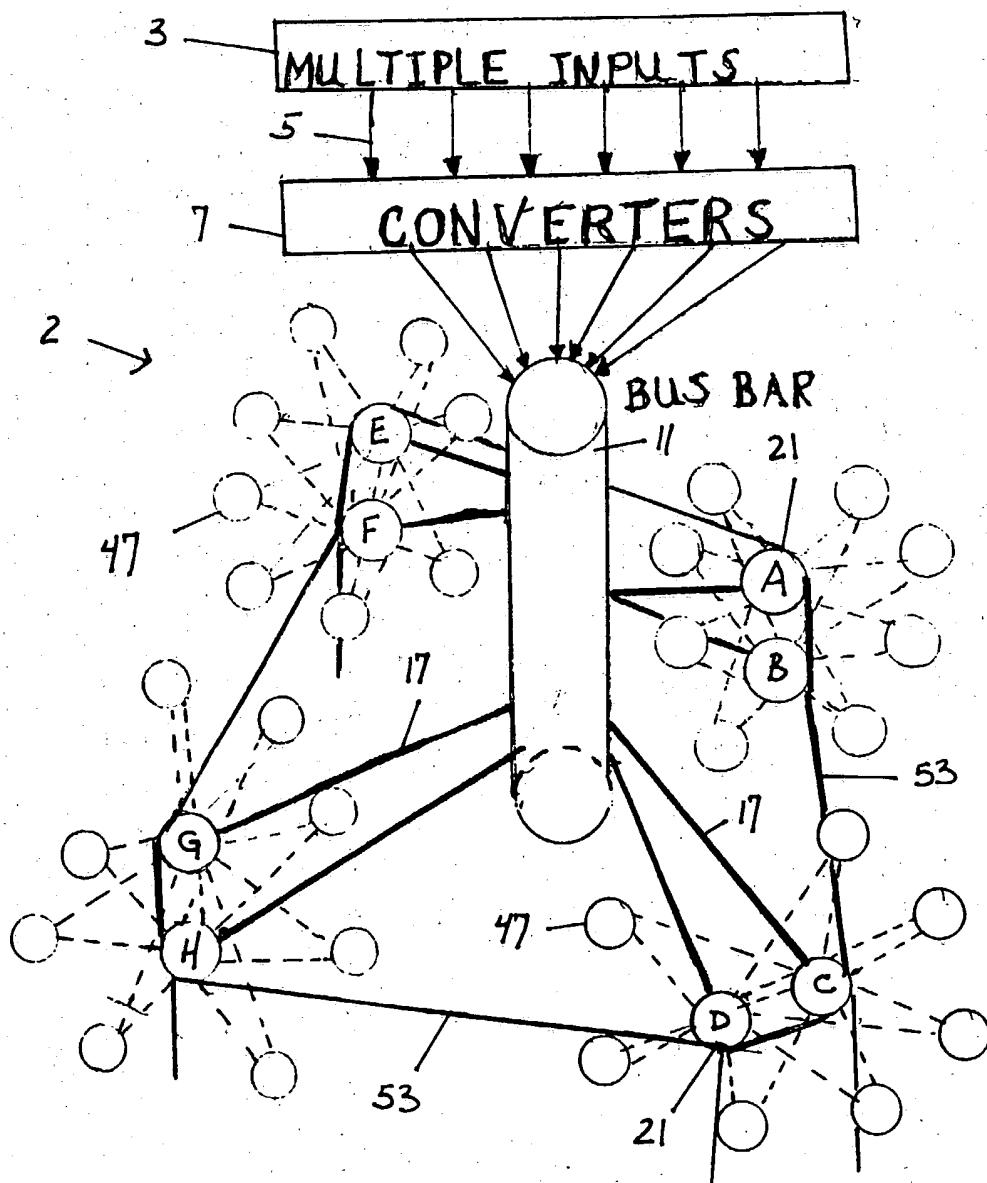


Figure 3

$$\begin{aligned}
 & \text{43} \\
 & \mathbf{z}_{11} \cdots \mathbf{z}_{1w} \quad \mathbf{y}_{11} \cdots \mathbf{y}_{1w} \quad \mathbf{k}_{11} \cdots \mathbf{k}_{1w} \\
 & \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \\
 & \mathbf{z}_{v1} \cdots \mathbf{z}_{vw} \quad \mathbf{y}_{v1} \cdots \mathbf{y}_{vw} \quad \mathbf{k}_{v1} \cdots \mathbf{k}_{vw} \\
 & \text{Physiologic} \qquad \text{Pathologic} \qquad \text{Psychologic}
 \end{aligned}$$

$\mathbf{n} = \text{internal parameters}$ $\mathbf{+}$ $\mathbf{R}_{11} \cdots \mathbf{R}_{1w}$
 $\mathbf{U}_{11} \cdots \mathbf{U}_{1w}$ $\mathbf{S}_{11} \cdots \mathbf{S}_{1w}$
 $\vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots$
 $\mathbf{U}_{v1} \cdots \mathbf{U}_{vw}$ $\mathbf{S}_{v1} \cdots \mathbf{S}_{vw}$
 $\text{Interpersonal} \qquad \text{Socioeconomic} \qquad \text{Marital}$

$$\begin{aligned}
 & \text{34} \\
 & \mathbf{z}_{11} \cdots \mathbf{z}_{1w} \quad \mathbf{y}_{11} \cdots \mathbf{y}_{1w} \quad \mathbf{k}_{11} \cdots \mathbf{k}_{1w} \\
 & \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \\
 & \mathbf{z}_{v1} \cdots \mathbf{z}_{vw} \quad \mathbf{y}_{v1} \cdots \mathbf{y}_{vw} \quad \mathbf{k}_{v1} \cdots \mathbf{k}_{vw} \\
 & \text{Physiologic} \qquad \text{Pathologic} \qquad \text{Psychologic}
 \end{aligned}$$

$\mathbf{n} = \text{internal parameters}$ $\mathbf{+}$ $\mathbf{R}_{11} \cdots \mathbf{R}_{1w}$
 $\mathbf{U}_{11} \cdots \mathbf{U}_{1w}$ $\mathbf{S}_{11} \cdots \mathbf{S}_{1w}$
 $\vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots$
 $\mathbf{U}_{v1} \cdots \mathbf{U}_{vw}$ $\mathbf{S}_{v1} \cdots \mathbf{S}_{vw}$
 $\text{Interpersonal} \qquad \text{Socioeconomic} \qquad \text{Marital}$

$$\begin{aligned}
 & \text{35} \\
 & \mathbf{z}_{11} \cdots \mathbf{z}_{1w} \quad \mathbf{y}_{11} \cdots \mathbf{y}_{1w} \quad \mathbf{k}_{11} \cdots \mathbf{k}_{1w} \\
 & \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \\
 & \mathbf{z}_{v1} \cdots \mathbf{z}_{vw} \quad \mathbf{y}_{v1} \cdots \mathbf{y}_{vw} \quad \mathbf{k}_{v1} \cdots \mathbf{k}_{vw} \\
 & \text{Physiologic} \qquad \text{Pathologic} \qquad \text{Psychologic}
 \end{aligned}$$

$\mathbf{n} = \text{external parameters}$ $\mathbf{+}$ $\mathbf{R}_{11} \cdots \mathbf{R}_{1w}$
 $\mathbf{U}_{11} \cdots \mathbf{U}_{1w}$ $\mathbf{S}_{11} \cdots \mathbf{S}_{1w}$
 $\vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots \quad \vdots$
 $\mathbf{U}_{v1} \cdots \mathbf{U}_{vw}$ $\mathbf{S}_{v1} \cdots \mathbf{S}_{vw}$
 $\text{Interpersonal} \qquad \text{Socioeconomic} \qquad \text{Marital}$

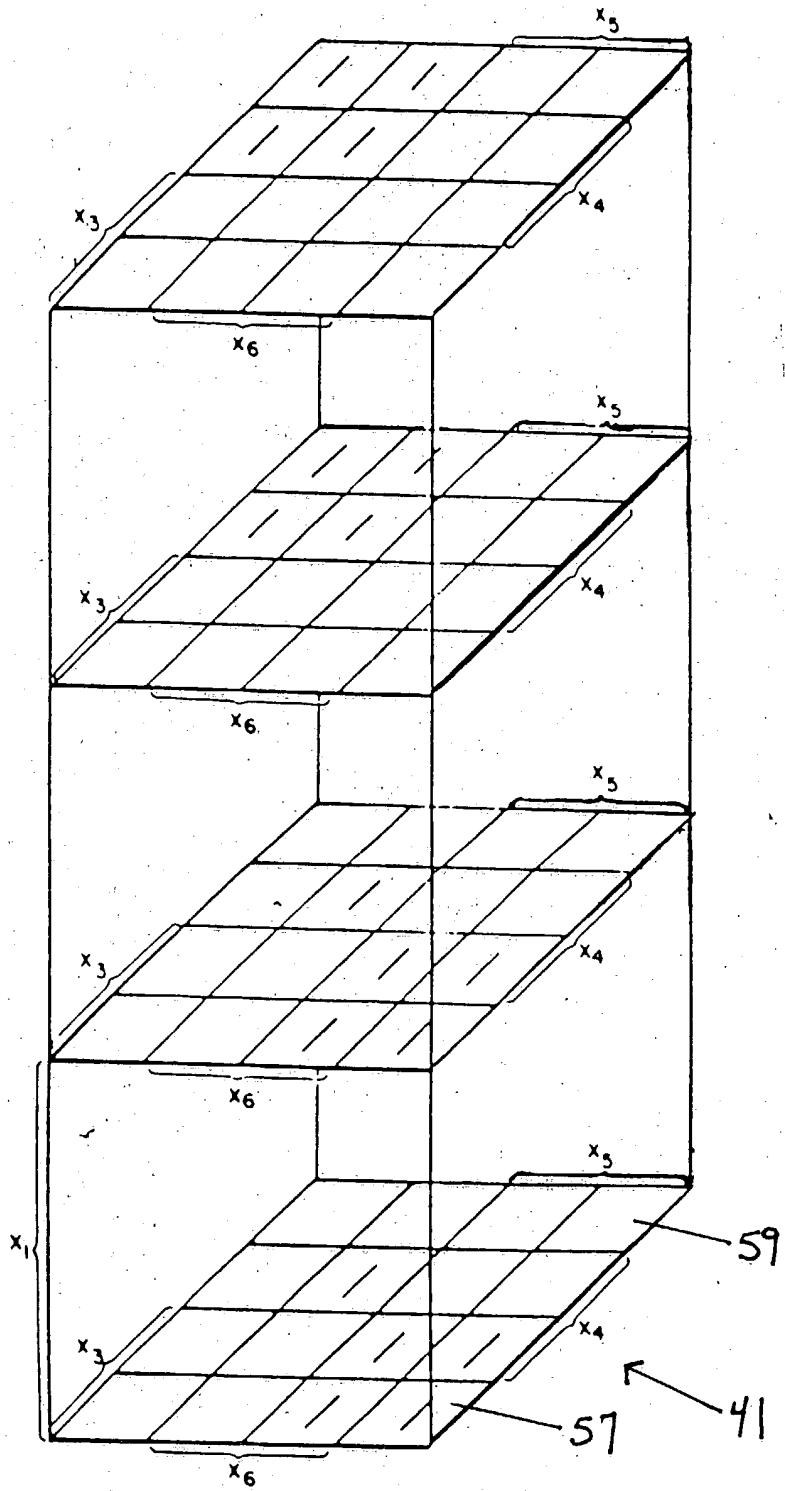
43
+
45

41

31

36

Figure 4



$$f = \bar{x}_1 \bar{x}_3 \bar{x}_5 \vee x_1 x_3 x_5 \vee \bar{x}_3 x_4 \bar{x}_5 x_6$$

Figure 5

